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Overview

As part of the integrated approach of the Caltrans and SANDAG Build North Coast Corridor (NCC), several improvements to the Interstate 5 (I-5) corridor will be implemented between 2017 and 2022. The improvements include the extension of Carpool/High Occupancy Vehicle (HOV) Lanes, replacing and lengthening the San Elijo Lagoon highway bridge, constructing several new sound walls on private property, building a new Park & Ride/Multi-Use Facility at the I-5/Manchester Avenue interchange, and adding several auxiliary lanes along I-5.

Carpool/HOV Lanes and Sound Walls



Caltrans will construct Carpool/HOV Lanes on I-5, one in each direction, from Lomas Sante Fe Drive in Solana Beach to State Route 78 (SR 78) in Oceanside. Also included in the Carpool/HOV Lanes project is the construction of sound walls on private property in the cities of Encinitas and Carlsbad.

San Elijo Lagoon Highway Bridge Replacement



To accommodate the new Carpool/HOV Lanes along I-5, the San Elijo Lagoon highway bridge will be replaced. The new bridge will also improve tidal flow and the overall health of the lagoon. In addition, Caltrans will divert highway runoff into natural treatment features such as bioswales and detention basins to help prevent runoff from entering the lagoon.

Park & Ride/Multi-Use Facility



A Park & Ride/Multi-Use Facility will be constructed at the I-5/Manchester Avenue interchange and serve as the primary San Elijo Lagoon access point. The versatile facility will provide parking for carpools/vanpools and include bike racks, electric vehicle charging stations, and recreational access to the San Elijo Lagoon and the new North Coast Bike Trail.

Project Schedule and Funding



Construction Start Date

2017

Completion Date

2022

Funding Sources

Federal
State
SANDAG (*TransNet*)

Contractor

Flatiron-Skanska-Stacy
and Witbeck (FSSW)

Total Project Cost

Highway Improvements - \$669 Million

For more information:

KeepSanDiegoMoving.com/BuildNCC

Construction Hotline: (844) NCC-0050

Arturo Jacobo, Project Manager
(619) 688-6816
Arturo.Jacobo@dot.ca.gov

@BuildNCC | @SDCaltrans

SANDAGregion I CaltransDistrict11

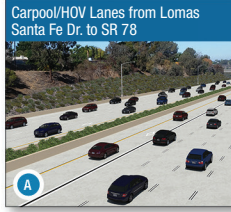
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As of February 2020



About Build NCC

The Caltrans and SANDAG Build NCC project is the first phase of construction of the NCC Program in the cities of Solana Beach, Encinitas, and Carlsbad. Build NCC is part of a 40-year vision to improve the quality of life for residents, create a stronger local and regional economy, and enhance the coastal environment.



Construction Schedule

2017-2021

- San Elijo Highway Bridge
- Carpool/HOV Lanes - Lomas Santa Fe Drive to Birmingham Drive

2018-2021

- Carpool/HOV Lanes - Birmingham Drive to Palomar Airport Road

2020 - 2022

- Manchester Avenue Park & Ride/Multi-Use Facility
- Carpool/HOV Lanes - Palomar Airport Road to State Route 78
- Sound Walls on Private Property - Cities of Encinitas and Carlsbad

Construction Details

- Intermittent traffic delays
- Narrowed lanes on I-5
- Construction noise and dust
- Heavy equipment near project area
- Night work

* Bridge replacement will help improve tidal flow and overall lagoon health.
 ** Not all proposed sound walls will be transparent (glass).

